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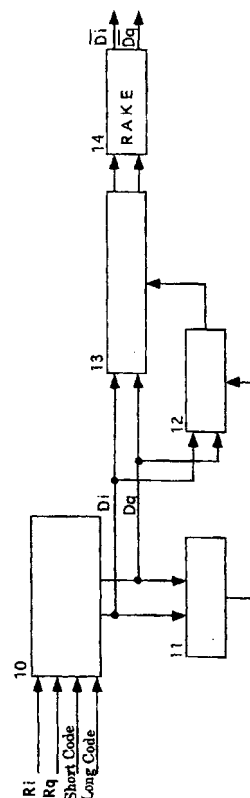
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(54) **Reception apparatus for CDMA communication system**

(57) A signal reception apparatus for DS-CDMA communication system has a matched filter for de-spreading the received signal into the quadrature components D_i and D_q . A phase compensation and path selection portion (13) extracts and averages, the phase error of the selected paths. The selection of the paths is made by the path selection portion (23) using the electrical power of the phase compensation signal. The selected paths are combined in a RAKE combiner (14).

Fig. 1





European Patent
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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	EP 0 717 505 A (NIPPON TELEGRAPH & TELEPHONE) 19 June 1996 (1996-06-19) * column 7, line 3 - line 7 * * column 7, line 24 - line 26 * * column 8, line 30-34 * * column 8, line 40 - line 43 * * column 8, line 57 - line 59 * * figures 3A,3B *	1-6	H04B1/707
A	--- BALTERSEE J ET AL: "Performance analysis of phasor estimation algorithms for a FDD-UMTS RAKE receiver" IEEE ISSSTA. IEEE INTERNATIONAL SYMPOSIUM ON SPREAD SPECTRUM TECHNIQUES AND APPLICATIONS, XX, XX, vol. 2, 2000, pages 476-480, XP002192516 * page 476, line 31 - line 33; figure 1 * -----	1-6	TECHNICAL FIELDS SEARCHED (Int.Cl.6) H04B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
BERLIN		7 March 2003	Farese, L
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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